

## CORN CROP IN MISSOURI CAN BE INCREASED

Tests at Agricultural Experiment Station Show Effects of the Improved Methods Used.

**WOULD RAISE PROFITS**  
Work Here Offers Solution for Rush From Farm to City, Says Dean Mumford.

Corn increased from twenty-eight to thirty-eight bushels an acre on one of the experimental fields conducted by the Agricultural Experiment Station here due to improved methods used.

There was 1,000,000 acres of corn grown in the state last year. If it were possible to increase the yield on every acre this much, there would have been an aggregate increase in the agricultural wealth of the state of 70,000,000 bushels or \$105,000,000 in the year.

The present movement of farmers leaving the country to go to the city would in large part be stopped, according to Dean F. B. Mumford, director of the experimental station, if profits were increased, and profits may be increased if efficient methods are used. The above example of what may be achieved in increasing crop production and their profits is an illustration. Dean Mumford says of the work the Agricultural Experiment Station has done in all lines of agricultural interest, and this with no larger expenditure of money than the average farmer has at his command.

**THE INCREASE ON FIELD**  
On the soil experiment field a crop rotation experiment conducted for twenty-five years showed that the yield of wheat may be increased from fourteen bushels on an unmanured plot to twenty-two and one-half bushels on a manured plot. This wheat was grown in a three-year rotation of corn, wheat and clover.

The farm crops department has developed sixteen pure lines of wheat from commercial varieties, which will yield on an average five bushels an acre more than the unimproved seed. If these improved wheats were sown on the wheat fields of Missouri and yielded as well throughout the state as they have at Columbia, those in charge of the experiment station estimate the total production of wheat in Missouri in one year would be increased more than 10,000,000 bushels.

**SIXTY EXPERIMENTS GOING**  
Over sixty distinctive investigations are being conducted by this department of the College of Agriculture now. These cover the whole field of agriculture and include soil fertility, production and management of field crops, horticulture, orcharding, small fruit growing, vegetable gardening, animal husbandry, investigations in breeding and feeding, general improvement of cattle, horses, sheep and swine and poultry husbandry.

Said the New York Times, "The agricultural colleges are doing another work of the greatest value to the race; they are doing the work that will put men on the land where they belong. The student there looks upon farming not as a drudgery, but a scientific problem, a work of benefit to all humanity. It would be well if every farmer, every farmer's boy, every intelligent citizen in the United States could visit that splendid practical laboratory, study it and understand it."

## MOST CROPS APPEAR GOOD

Reports Show a Good Corn Yield—Live Stock Condition Good.

Conditions for the maturing of this year's corn crop has been favorable, and although the average crop is late it is now past frost danger or nearly so in the majority of states. This is based on reports received from the United States Bureau of Crop Estimates by E. A. Logan, agricultural statistician for Missouri.

In some of the leading corn states a bumper crop will be harvested. Reports from Indiana and Iowa say the bulk of the crop will be matured October 15. Missouri reports many fields out of danger, but some will need until November 1 to mature. The quality of the crop is good. Silage cutting is now progressing rapidly. The yield in some of the northern areas of Illinois will be cut by firing, and in some of the central and southwestern sections by chinch bug damage.

Ground is being prepared generally for the seeding of winter wheat and a considerable quantity has been sown. Some wheat has sprouted and is looking well. Rain is needed in some sections of Iowa, Illinois, New Mexico and Wisconsin.

Cotton picking is being rushed and is now well advanced. Large yields are reported in Mexico and will probably average quite well in Arkansas. The first bales are being ginned in Oklahoma. Severe boll weevil damage is reported in Alabama and South Carolina.

The Irish potato crop is promising. Large yields are reported in Nebraska and Maine. The present conditions indicate a crop somewhat above expectations. Drought and insect damage have lowered the yield in Wisconsin and North Dakota. Blight is reported in many states, but with no severe loss.

All classes of live stock are in good condition where pastures are good. Anthrax has broken out in Ashley County, Arkansas, and losses of horses and mules are widespread. Hog cholera is reported in Indiana, and anthrax and the rages

of the stable fly are reducing the production of milk 50 per cent in Oklahoma. The hay crop on the whole is good. A fifth crop of alfalfa is growing well in Oklahoma, and a third cutting of Sudan grass is assured. The harvest of soy beans and cow pea hay in Virginia is reported good and the harvest is now nearly complete. Pastures are generally good for this season of the year with the exception of some districts.

## EXECUTIVE BOARD IN SESSION

Appointments to M. U. Teaching Staff Made Here.

The Executive Board of the University of Missouri at its meeting here last Saturday made the following appointments: Miss Allie Howell, bookkeeper in the business office; Miss Lorraine Morris, clerk in the business office; Miss Eunice Remley, general assistant in the University Library; Mrs. Margaret B. Chamberlain, head of Read Hall, assistant adviser of women.

In the College of Agriculture these appointments were made: Sam R. Shicks, superintendent of two-year winter course and assistant to the dean and director to succeed E. H. Hughes, resigned; Arthur T. Edinger, assistant in animal husbandry; George T. Lipp, instructor in animal husbandry; Richard Bradford, instructor in soils; A. B. Gilbertson, B. W. Manning and G. W. Kork, assistants in agricultural chemistry; Patterson Baine, assistant in agricultural engineering for the two-year winter course in agriculture; Miss Gladys Grigby and Miss Martha Barton, stenographers in the department of animal husbandry.

In the Agricultural Extension Service the following appointments were made: John P. Shear, extension assistant professor of marketing in the department of rural life; H. E. McCartney, county agricultural agent in Shelby County; Stewart Leaning, county agricultural agent in Ray County; J. A. Krall, county agricultural agent in Clay County. The resignation of Miss Rena Jenkins, home demonstration agent of Montgomery County, was accepted.

In the College of Arts and Science the following appointments were made: Alfred Fatio, instructor in French; Ruth H. Lindsay, instructor in botany; Chester G. Jaeger, part-time instructor in mathematics; James S. Williams, assistant in geology; Roy Holmes Hall, assistant in geology; Newman F. Baker, assistant in history.

In the School of Education the following appointments were made: Miss Frances Forbush, assistant in home economics; J. M. Hyde, teacher of manual training in the University High School; Mrs. J. J. Oppenheimer, teacher in the Elementary School; M. M. Bills, teacher of commercial subjects in the University High School.

In the School of Medicine the following appointment was made: Miss Belle Wheeler, R. N., assistant in the school of nurses. Certificate of graduation from the School of Nurses were awarded to Marjorie Lanphier Adams and Ida Mae Elfr.

## COLUMBIA IN 1869

Two University Buildings and Five Churches Here Then. Columbia, in 1869, boasted of a "State University" which consisted of Academic Hall and a campus. The normal school occupied the north-west corner of what is now the west campus.

A picture showing a bird's eye view of the City of Columbia in 1869 has been lent to the Commercial Club by Kirk J. Fyler.

Columbia at that time possessed five churches, the Christian Church, which was in its present location; the Baptist Church, just west of and in the same block with the courthouse; the Methodist Church, on Sixth and Broadway; the Presbyterian, at Tenth and Broadway; and the negro Methodist.

Christian College consisted of one main building, and Stephens College at that time called the Baptist College, looked very much as it does now.

The Statesman office, shaded on the west by a large tree, stood on the corner at Ninth and Broadway which is now occupied by Sykes and Broadhead Clothing Company.

Stewart road did not exist, and Conley avenue started at the southeast corner of the University campus and ended at the southwest corner.

With the exception of a few scattered houses, all the territory south, east and west of the campus resembled the present surroundings of Balance Rock or Lovers Leap.

The Wabash was the only railroad running into Columbia at that time.

## MAIL IS SEIZED IN DUBLIN

Correspondence Held Up to Get Evidence Against Sinn Feiners.

DUBLIN, Oct. 5.—Great quantities of mail are reported to have been seized here in raids conducted by military officials with the view to getting evidence against the Sinn Feiners.

## GROCERIES

The Best of Groceries.

Fresh Fruit of all kinds

and Fresh Vegetables.

Also the Home of Wedding

Ring and Wish-Bone Products.

Johnston Bros.

Phone 375

## Apples—and Apple Juice—Tempt Visitors at University Fruit Farm

The University fruit farm serves the double purpose of pleasing casual visitors and satisfying scientific investigators. It is not far from a little station where the trains are stopped in the day by frantic wavings of the hand; at night, by lighting the morning newspaper and swinging it back and forth across the track.

A good-natured keeper, somewhat old in years, but young at heart, is in charge of the farm. He offers a place in the spacious woods for visiting picknickers, and if the visitors are not boisterous, he frequently gives them cider.

The farm is composed of about 81 acres of land, a goodly portion of which is already set with fruit trees. Apples are the chief fruit, but peaches, plums, cherries, grapes and strawberries are to be found in season.

"Jonathans and Yorks are perhaps the most popular varieties," the hospitable fruitgrower says rather critically. He likes several other kinds well enough to be cautious about committing himself as to favorites.

At this time in October, many of the apple trees are hanging full of the luscious fruit. The bloomy red Jonathans and the less striking hues of the King Davis or the yellowish green quinces draw sighs of admiration from the keep-

ers and they effect a full-fledged temptation to the visitors.

Some of the apples are taken to a cider mill and chopped to pieces until they can be put in the press. Then pressure is applied until rivulets of the sweet juice gush from the container. This juice is poured into kegs or barrels and allowed to ferment until it becomes vinegar—unless some thirsty fellow is lucky enough to drink it before it reaches the vinegar stage.

Even in October the everbearing strawberries are yielding enough to put the strawberry taste back in your mouth. Some grapes are still on the vines. Occasionally, you even find a peach tree loaded with fruit.

This scene of hospitality and of plenty has for its setting a background of October's most beautiful color schemes. Here and there the golden rods cluster about on the landscape. Wild asparagus shows its tiny red berries. Wild flowers are in profusion. The grasses are topped with purple heads of seeds.

Whether the visitor has gone to the University orchard to learn facts from the experiments or to enjoy a day of repose, there is something about the place which keeps him until it is late enough to use the flaring light to flag the train at Turner.

Bass added a considerable amount while living in his country home.

There he dispensed hospitality in true southern style. He carried on farming in a remunerative and practical manner and raised large herds of stock. In 1861 he was elected to the convention to form a new constitution for the state.

As a center for social activities the Bass home was well known in the antebellum days. Families from Boone County and from all parts of Missouri came to enjoy its hospitality. It was a social center such as historians have described in their pictures of the Old South.

Being an ardent supporter of the southern cause, the Bass family played a conspicuous part in the Civil War.

Recruiting was carried on in a secret chamber of the Bass home, constructed in the attic. Time after time, when federal soldiers searched the place, they knocked on walls adjoining the secret chamber but never discovered it because it was so effectively hidden. After the war, many persons who visited the Bass home were shown this hiding place where Bass and his men evaded the federalists.

Elis Bass was one of the first members of the New Salem Baptist Church located near Ashland. The memory of his career is linked with this landmark as well as with the old manse which he cherished.

Since his death in 1865, his property has been under several different owners. It now belongs to C. D. Rice.

## RECREATION PARLOR TO GET SCORES

Scores of the World's Series will be received at the Recreation Parlor by innkeepers and play by play will be recorded. Starting Saturday the Recreation Parlor will receive all the reports of football games throughout the country, including those of the Missouri Valley Conference.

Too Late to Classify

LOST—\$30 railroad script book No. 77. Finder call 1044 White. J-29d

## To Merchants and Business Men of Columbia

No doubt you realize that Missouri is the leading Poultry State in the union. We have kept Boone County on top with your generous donations and co-operation in the past years.

We feel at this time a little hesitancy in soliciting funds from you, and instead we have decided to present this play, "The Unique Wedding," composed of business and professional men whom you know. We are making every effort to give you your money's worth. We want your co-operation in this way.

VIRGIL BLAKEMORE, President Boone Co. Poultry Assn.  
Tickets on Sale at Drug Shop, Allen's Music Store, Missouri Store.

## We Protect Buyer Against Decline in Prices

In the event of unexpected reduction in the cost of the labor and material that enter into the construction of the CHEVROLET Automobile to a point where we may properly and legitimately reduce the list price of our cars between October 1st, 1920, and May 1st, 1921, we will refund to every CHEVROLET purchaser who buys within the above mentioned period of time the amount of such reduction.

## John N. Taylor Garage

## HANDSHAKES TOO MUCH FOR HER WHITE GLOVES

By RAYMOND CLAPPER

(United Press Staff Correspondent)  
MARION, O., Oct. 5.—Everybody knows Senator Harding lives in Marion. That's how a train conductor happened to direct a young woman who was on her way to work for Senator Harding, to Marion, Indiana. She arrived and called up the Harding headquarters there but found they hadn't headed her a job. She arrived at the right Marion six hours late.

Mrs. Harding wears inexpensive gloves around Marion, but she wanted to do the Minnesota trip up right so she took along a pair of brand new white kid gloves to use at the public reception in the St. Paul statehouse. After two hours handshaking she pulled off the right glove—ripped and looking as if she had been making mud pies with it. But her hand stood the ordeal much better than the glove. A slightly stiff wrist was the only after effect.

Frank Blacksten, who has been Harding's chauffeur twelve years, is one of Mrs. Harding's strongest boosters. He has a college education and owns a prosperous little farm near Marion. But he sticks to the wheel because he likes the Hardings. He and Mrs. Harding always outvote the senator regarding routes and all issues raised during motor trips. Frank doesn't like to leave any time while motoring and the speedometer often gets over forty miles. But the only time Harding was ever arrested for speeding he was going only eighteen miles an hour when the limit was fifteen. He got off for \$5 and costs. That was at Delaware, Ohio, twenty-five miles from here. Harding never takes the Delaware road now if he can get through any other way.

Harding is a natural two-armed speaker. It bores him to have to hold a manuscript in one hand and read his speeches. But the climax came at the Minnesota fair speech when he had to hold his manuscript in one hand and a mouthpiece connected with the amplifying device in the other hand. He would forget himself and begin to wave it around in a gesture. The chairman had to remind him several times during the speech to hold the instrument to his mouth.

Mrs. R. A. Lucas Returns Home.  
Mrs. R. A. Lucas returned to her home at Nevada today after visiting at the home of her son, B. W. Lucas, 1312 Wilson avenue.

## AT THE THEATERS

Broadway Odéon—The Woman He Chose is the film attraction tonight. The picture is a filming of a novel by Dr. Selma Lagerlof that won the Nobel prize in literature for the author. The newspaper criticisms are a unit in praising this picture as being one of the best foreign adaptations ever shown in this country.

As an added attraction the Odéon also offers a single reel, showing "Babe Ruth" delivering some "mighty swats."

## Hair Dressing

A girls hair should always be neat. We can fix it for you.

MacGregor Beauty Shop  
Phone 535 12 N. 9th

Too Late to Classify

LOST—\$30 railroad script book No. 77. Finder call 1044 White. J-29d

RECREATION PARLOR TO GET SCORES

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## MERCHANT KEEPS "WOODPILE" PUBLISHING BAD CHECKS SAVES LOCAL DEALER MONEY

Columbian merchants, whose income is largely dependent upon student patronage, have for many years faced the problem of so-called "wooden checks." A local confectioner held \$82.50 of bad checks as a result of one day's business not long since. Another business house has to follow up approximately \$700 worth of checks each year.

One local business man has apparently solved this problem by the creation of a "woodpile." In his own words: "Upon my arrival in Columbia, I faced the wooden check problem for the first time in my business career. I realized that someone had to pay for these checks. Someone had to pay for the time spent in collection. It was the other patrons who had to carry the extra margin to protect the merchants from the more careless customers."

"I didn't consider the checks a necessary evil. Most of the offenders are unaware that the checks are not good when they give them. When their attention is called to their errors, they are quick to make amends."

"I anticipated their thoughtlessness by painting this little sign in white letters over the cash register. The sign is probably three feet long and easily noticeable. It reads 'Wooden Checks' and a space is provided beneath in which the names of the offenders may be listed. 'That is my 'woodpile'! The students and townspeople know it. Contrary to first impressions they do not resent having their names posted to call their attention to their own errors."

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## RED CROSS HAS POLISH TASK

Work Has Been Hindered by War With Bolshevik Armies.

The monumental task faced by the American Red Cross units in Poland has been increased to even larger proportions through developments of the recent fighting between the Bolsheviks and the Polish army, according to dispatches received at national headquarters of the Red Cross in Washington and just made public from Southwestern Division headquarters at St. Louis. During the apparently irresistible tide of Bolshevik successes which threatened to engulf Poland, thousands of rural dwellers were forced to flee post haste from their homes and farms, in most cases taking only the clothes on their backs or a few cherished possessions. The vast majority of these refugees were without sufficient food or clothing and had no adequate shelter when they arrived at places of safety.

Measures were taken to feed and care for these people despite the fact that the large Red Cross supply depots were directly in the path of the advancing Bolshevik army and it was necessary to move hurriedly the stores from Bialystok to Krakow. A large garage was secured for the purpose.

Since the tide of battle has turned, reports say, the refugees are returning to their dwellings and steps are being taken by the Red Cross to facilitate their return and restore conditions to normal.

## DETECTIVES SEEK MURDERERS

Bobby is Given as Motive for Murder of Florence Barton.

KANSAS CITY, Mo., Oct. 5.—Detectives are working on the theory that robbery is the motive for the fatal shooting of Miss Florence Barton while motoring on a lonely road. Her fiancé, Howard R. Winter, who was with her, was slightly wounded.

The search has begun for the three night riders in a touring car, one of whom did the shooting. Six holdups have been staged in the immediate vicinity in which the murder occurred, during the last three weeks, according to the police. The detectives base their theory on this fact.

Contrary to the police theory, Winter said today that the men had made no demands for money and had made no threats. The fact that Winter involuntarily raised an arm over his face when he saw the revolver in the hands of the assassin is believed to have provoked the shooting.

## Mass Meeting At Courthouse TONIGHT

In County Court Room on Second Floor

W. J. Mallett, Candidate for the U. S. Senate and Vaughan Hickman Candidate for Governor on the Farmer-Workers ticket will address the meeting.

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